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10/828,464

04/21/2004

Tomomichi Obara

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12/19/2005

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WASHINGTON, DC 20005

EXAMINER

ST CYR, DANIEL

ART UNIT

PAPER NUMBER

2876

DATE MAILED: 12/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/828,464

Applicant(s)

OBARA ET AL.

Examiner

Daniel St.Cyr

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-27 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 8-14 are rejected under 35 U.S.C. 102(e) as being anticipated by the applicant disclosure in the background.

The applicant disclose a transaction apparatus comprising: a display unit for performing a guide display; a plurality of I/O units 440-443 for performing a transaction operation; and a control unit for controlling the guide display of the screen of said display unit controlling said plurality of I/O units according to an object embedded in the screen content 502, wherein said control unit controls the sequence of said I/O units by the script of said object, and updates a display message of said display unit according to said sequence control (see figs. 27-29; pages 2-5); wherein said control unit further comprises a browser 410 which interprets an applet tag of the screen content and performs said guide display, and also interprets an applet tag of said object embedded in said screen content and calls up a method for each processing for controlling said I/O unit, and said control unit controls the sequence of said I/O unit from said browser and updates the display message of said display unit according to said sequence control (see fig. 27); wherein said control unit performs communication between the applet of said object and the

Art Unit: 2876

applet of said screen, and updates the display message of said display unit (see page 3, lines 12-24); wherein said control unit calls up a function of said script by the applet of said object, and updates the display message of said display unit, wherein said control unit calls up a method for each processing for controlling the synchronization of said plurality of I/O units according to the script of the object embedded in said screen content, and controls the synchronization of said plurality of I/O units, and wherein said I/O unit further comprises a cash unit for at least receiving cash, validating the received cash, and depositing the cash, and said control unit interprets the script of said screen content and updates the display message of said display unit according to the operation of said cash unit (see page 3, lines 3-11); wherein said control unit sends a request to said Web server after executing an initial deposit and additional deposit (the transaction terminal is controlled the web server, every transaction is communicated to the web sever for approval). (see page 3, line 17+).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later

Art Unit: 2876

invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 1-7 and 15-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over of the applicant disclosure in view of Levett et al, US Pub. 2004/0148375. The applicant disclosure has been discussed above.

The disclosure does not disclose that the display is updated according to the screen content from the web server wherein the applet/script is downloaded from the web server.

Levett et al disclose a presentation service, which enable client device to run network based application comprising: storing the applet in the server wherein the applet is downloaded to the client device in response to client's request.

In view of Levett et al's teachings, it would have been obvious for a person of ordinary skill in the art at the time the invention was made to modify the applicant's disclosure to store a generic applet in the web server in lieu of having installed in every client device. Such modification would effectively manage and dynamically the display in the application interface on the host client platform, would effectively update the user interface that reflects the state of information in the database layer. This would allow appropriate configuration parameters to the client device, which would prevent unauthorized access without a session object (user specific). Therefore, it would have been obvious to an ordinary artisan to modify the teachings of applicant's disclosure as such.

Conclusion

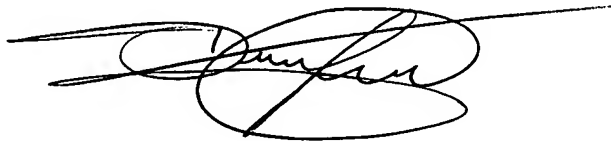
Art Unit: 2876

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel St.Cyr whose telephone number is 571-272-2407. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel St.Cyr
Primary Examiner
Art Unit 2876

A handwritten signature in black ink, appearing to read 'Daniel St.Cyr', with a long horizontal line extending to the right.

DS